

OCT 10 2003

II. CLAIM AMENDMENTS

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cont*

1. (Previously Amended) A cellular radio system, which comprises terminals, cells, and a network including stationary network equipment, of which said terminals are arranged to set up and maintain radio communication with base stations in the cells, wherein at least one terminal is arranged to favor at least one cell based on data specific to that terminal stored in and received from the network.
2. (Previously Amended) A cellular radio system according to claim 1, wherein the stationary network equipment comprises a database for storing cell priority data relating to individual terminals.
3. (Previously Amended) A cellular radio system according to claim 2, wherein the stationary network equipment is arranged to supply information to the terminal about priority data stored in the database relating to the terminal, as a response to an excitation, which is one of the following: the terminal registers with the cellular radio system, the terminal's location data changes in the cellular radio system, the priority data in said database is altered, a predetermined time has passed since the previous message to the terminal, which contained priority data relating to the terminal.
4. (Previously Amended) A cellular radio system terminal which is arranged to set up and maintain radio communication with base stations of the cellular radio system, wherein the terminal is arranged to favor at least one cell based on data specific to that terminal stored in and received from a network.

5. (Previously Amended) A terminal according to claim 4 which is further arranged to maintain a list of possible cells for cell reselection and to arrange said list in an order which is based on a parameter calculated for each cell, wherein, for priority cells the terminal is arranged to alter the parameter calculation relating to the cell, so that said parameter has a particularly advantageous value in the case of a priority cell.

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6. (Previously Amended) A method to realise cell prioritizing in a cellular radio system comprising terminals, cells and a network including stationary network equipment of which said terminals are arranged to set up and maintain radio communication with base stations in the cells, wherein the method utilizes priority data relating to a terminal in order to favor at least one cell based on data specific to that terminal stored in and received from the network.

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7. (Currently Amended) A method according to claim 6, wherein the priority data relating to a terminal is stored in a database ~~(37)~~ of the stationary network equipment, and the priority data is transmitted to the terminal as a response to an excitation, which is one of the following: the terminal registers with the cellular radio system, the terminal's location data changes in the cellular radio system, the priority data in said database is altered, a predetermined time has passed since the previous message to the terminal, which contained priority data relating to the terminal.

8. (Previously Amended) A method according to claim 6, in which a terminal further maintains a list of possible cells for cell reselection and arranges said list in an order based on a parameter which is calculated for each cell, wherein for priority

cells the terminal alters the parameter calculation relating to the cell, so that said parameter has a particularly advantageous value in the case of a priority cell.

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9. (Currently Amended) A method according to claim 8, wherein the priority data relating to a terminal comprises at least the priority cell identity {20} and information about whether or not the terminal shall apply an offset parameter {17}, a delay factor {16} relating to the cell, and cell reselection hysteresis in the calculation of the parameter relating to a priority cell.

10. (Previously Amended) A method according to claim 9, wherein the terminal does not apply the delay factor relating to the cell nor the cell reselection hysteresis when the terminal calculates the parameter relating to a cell, in a situation where cell reselection represents shifting from a non-priority cell to a priority cell.